IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method, comprising:

searching for a benefit associated with switching from receiving first information from a first network to receiving second information from a second network;

using one of a dedicated search receiver and a multiplexed search receiver to measure channel characteristics associated with the second network and the benefit; and

downloading a demodulation code to direct operations of a signal processor to demodulate the second information received from the second network upon receiving an indication of a beneficial connection.

2. (Original) The method of claim 1, wherein the second information is a continuation of the first information.

3. (Original) The method of claim 1, further comprising:
selecting the demodulation code from a plurality of codes.

4. (Original) The method of claim 1, further comprising:

determining which of a plurality of networks including the second network is available to transmit the second information.

5. (Original) The method of claim 1, further comprising:
selecting a modulation code associated with the demodulation code; and
downloading the modulation code.

6. (Currently Amended) A method comprising:

determining the existence of a second protocol at a device communicatively coupled to a first protocol;

determining a benefit associated with communicatively coupling the device to the second protocol and decoupling the device from the first protocol; and

downloading to the device a demodulation code to direct operations of a signal processor to demodulate information associated with the second protocol, wherein the device includes one of a dedicated search receiver and a multiplexed search receiver to measure channel characteristics associated with the benefit, and wherein the downloading occurs upon receiving an indication of a beneficial connection.

7. (Original) The method of claim 6, wherein the first protocol and the second protocol are included in a single network.

8. (Original) The method of claim 6, wherein the first protocol is included in a first network, and wherein the second protocol is included in a second network.

9. (Original) The method of claim 8, wherein the first network comprises a wide area network, and wherein the second network comprises a wireless local area network.

10. (Currently Amended) The method of claim 6, further comprising:
determining the existence of the second protocol using a second receiver comprising the dedicated search receiver; and coupling the device to the first protocol using a first receiver.

11. (Original) The method of claim 10, wherein the first receiver operates on a first frequency band forming a subset of a second frequency band utilized by the second receiver.

12. (Original) The method of claim 10, wherein the second receiver acquires sufficient information to select the demodulation code without solicitation.

13. (Currently Amended) The method of claim 6, further comprising:

coupling the device to the first protocol using [[a]] the multiplexed receiver; and

determining the existence of the second protocol using the multiplexed receiver.

14. (Original) The method of claim 6, further comprising:

selecting a modulation code associated with the demodulation code; and

downloading the modulation code.

15. (Currently Amended) An article comprising a machine-accessible medium having associated data, wherein the data, when accessed, results in a machine performing:

searching for a benefit associated with switching from receiving first information from a first network to receiving second information from a second network;

using one of a dedicated search receiver and a multiplexed search receiver to measure channel characteristics associated with the second network and the benefit; and

downloading a demodulation code to direct operations of a signal processor to demodulate the second information received from the second network upon receiving an indication of a beneficial connection.

16. (Original) The article of claim 15, wherein the data, when accessed, results in the machine performing:

determining the existence of all available networks including the second network; and

selecting the demodulation code from a plurality of codes.

17. (Original) The article of claim 15, wherein a value of the benefit is associated with at least one of a network type, a network capability, a network activity level, a signal strength, a quality of service, a bandwidth, a signal-to-noise ratio, a signal-to-interference ratio, a multipath condition, a service provider, a monetary cost, user-preferred information, and a user-preferred service.

18. (Original) The article of claim 15, wherein the data, when accessed, results in the machine performing:

selecting the benefit according to a pecuniary relationship.

19. (Original) The article of claim 15, wherein the data, when accessed, results in the machine performing:

selecting a modulation code associated with the demodulation code; and

downloading the modulation code.

20. (Currently Amended) An apparatus, comprising:

a receiver to search for a benefit associated with switching from receiving first information from a first network to receiving second information from a second network, the receiver comprising one of a dedicated search receiver and a multiplexed search receiver to measure channel characteristics associated with the second network and the benefit;

a module to download a demodulation code to demodulate the second information upon receiving an indication of a beneficial connection; and

a signal processor to couple to the receiver and to the module to download the demodulation code, wherein the demodulation code is to direct operations of the signal processor to demodulate the second information.

21. (Currently Amended) The apparatus of claim 20, wherein the apparatus further comprises:

a demodulator comprising the signal processor operated by accessing the demodulation code.

22. (Currently Amended) The apparatus of claim 20, wherein the receiver comprises [[a]] the multiplexed receiver to couple the processor to the first network and the second network.

23. (Currently Amended) The apparatus of claim 20, further comprising:

a second receiver comprising the dedicated search receiver to couple the processor to the first network and to the second network.

24. (Currently Amended) A system, comprising:

a receiver to search for a benefit associated with switching from receiving first information from a first network to receiving second information from a second network, the receiver comprising one of a dedicated search receiver and a multiplexed search receiver to measure channel characteristics associated with the second network and the benefit;

a module to download a demodulation code to demodulate the second information upon receiving an indication of a beneficial connection;

a signal processor to couple to the receiver and to the module to download the demodulation code, wherein the demodulation code is to direct operations of the signal processor to demodulate the second information; and

an omnidirectional antenna to couple to the receiver.

25. (Original) The system of claim 24, further comprising:

a comparison module coupled to the receiver to compare a value of the benefit.

26. (Original) The system of claim 25, wherein the value of the benefit is associated with at least one of a network type, a network capability, a network activity level, a signal strength, a quality of service, a bandwidth, a signal-to-noise ratio, a signal-to-interference ratio, a multipath condition, a favored service provider, a monetary cost, user-preferred information, and a user-preferred service.

27. (Currently Amended) The system of claim 24, further comprising:

a second receiver comprising the dedicated search receiver to couple the processor to the first network and to the second network.

28. (Original) The system of claim 24, wherein an information type associated with the first information is the same as an information type associated with the second information.